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OMB No. 0651-0011

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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: H0001166	Serial No.: 09/732,236
		Confirmation No.: 9502
	Applicant(s): Pavlidis	
	Filing Date: 12/07/00	Group: 2621

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
A-T		4,500,784	02/19/85	HacsKaylo			
		4,520,504	05/28/85	Walker et al.			
		5,013,917	05/07/91	Ulich			
		5,221,919	06/22/93	Hermans			
		5,703,367	12/30/97	Hashimoto et al.			
		5,900,942	05/04/99	Spiering			
		5,940,139	08/17/99	Smoot			
✓		6,002,505	12/14/99	Kraenert et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
		none					

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)							
A-T			Fendt et al., "The neuroanatomical and neurochemical basis of conditioned fear," <i>Neurosci Biobehav Rev</i> , 23(5):743-60 (May, 1999).				
			Jacquez et al., "The spectral reflectance of human skin in the region 0.7-2.6 μ m," <i>Technical Report</i> , 189, Army Medical Research Laboratory, Fort Knox (April, 1955).				
			Jordan et al., "Hierarchical Mixtures of Experts and the EM Algorithm," <i>Neural Computation</i> , 6, pp. 181-214 (1994)				
			Levin et al., "The energy expended in chewing gum," <i>New England Journal of Medicine</i> , 341(27):2100 (Dec., 1999).				
✓			Mendez, <i>The Master of Disguise</i> , William Morrow and Co., New York, N.Y.; cover page, title page, copyright page and table of contents only; 4 pgs. (1999).				

EXAMINER

Date Considered

✓ Abolfazl Tabatabaie

✓ 5/13/05

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A-T		Moghaddam et al., "Probabilistic Visual Learning for Object Recognition," <i>IEEE Trans. Pattern Analysis and Machine Intelligence</i> , 19(7):696-710 (July, 1997).
		Otsu, "A Threshold Selection Method from Gray-Level Histograms," <i>IEEE Trans. Systems, Man And Cybernetics</i> , 9:(1)62-65 (Jan., 1979).
		Pavlidis et al., "Automatic passenger counting in the high occupancy vehicle (HOV) lanes" <i>Proceedings 1999 Annual Meeting of the Intelligent Transportation Society of America</i> , Washington, D.C. (April 19-22, 1999).
		Pavlidis et al., "A near-infrared fusion scheme for automatic detection of vehicle passengers," <i>Proceedings 1999 IEEE Workshop on Computer Vision Beyond the Visible Spectrum: Methods and Applications</i> , 41-48, Fort Collins, C.O. (June 22, 1999).
		Penev et al., "Local feature analysis: a general statistical theory for object representation," <i>Network: Computation in Neural Systems</i> , 7(3):477-500 (Aug., 1996).
		Pentland et al., "Face recognition for smart environments," <i>IEEE Computer</i> , 33(2):50-55 (Feb., 2000).
		Phillips et al., "The FERET database and evaluation procedure for face-recognition algorithms," <i>Image and Vision Computing</i> , 16(5):295-306 (April, 1998).
		Prokoski "Disguise detection and identification using infrared imagery," <i>Proceedings of SPIE, Optics, and Images in Law Enforcement II</i> , 339:27-31, A.S. Hecht, ed., Arlington, V.A. (May, 1982).
V		Sabins, <i>Remote Sensing, Principles and Interpretation</i> , W.H. Freeman and Company, New York, N.Y.; cover page, title page, copyright page and table of contents only; 7 pgs. (1997, 3rd ed.).

EXAMINER ✓ <i>Abolfazl Tahatehai</i>	Date Considered ✓ <i>5/13/05</i>
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A-T		Sliney, "Laser and LED eye hazards: safety standards," <i>Optics and Photonics News</i> , pp 32- (Sept., 1997).
A-T		Visionics Corporation, "Face detection constantly searches for faces in a datastream" Jersey City, N.J.; retrieved from the Internet on June 25, 2001, <URL:http://www.visionics.com/faceit/tech/detect.html>, 1 pg.
A-T		Wiskott et al., "Face recognition by elastic bunch graph matching," <i>IEEE Trans. Pattern Analysis and Machine Intelligence</i> , 19(7):775-779 (July, 1997).
A-T		Zhu et al., "Region Competition: Unifying Snakes, Region Growing, and Bayes/MDL for Multiband Image Sementation," <i>IEEE Transactions on Image Analysis and Machine Intelligence</i> , 18(9):884-900 (Sept., 1996).

EXAMINER ✓ <i>Abolfazl Tahatabai</i>	Date Considered ✓ <i>5/13/05</i>
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PATENT

Form PTO-1449 DISCLOSURE STATEMENT (Use several sheets if necessary)	Atty. Docket No.	Serial No.
	H0001166	09/732,236
	Applicant	
	IOANNIS PAVLIDIS	
	Filing Date	Group
	12/07/00	2621

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS**	SUBCLASS**	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

** SUPPLY DATA IF KNOWN

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓ A-T	PROKOSKI FRANCINE J: "DISGUISE DETECTION AND IDENTIFICATION USING INFRARED IMAGERY" OPTICS AND IMAGES IN LAW ENFORCEMENT 2.; ALINGTON, VA, USA, VOL. 339, 1983, PAGES 27-31, XP001028502 PROCEEDINGS OF SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING 1983 SPIE, BELLINGHAM, WA, USA, P. 29 SECTION "DISGUISE EFFECTS", PAGE 31, LINE 1 - LINE 10
	PROKOSKI F J ET AL; "IDENTIFICATION OF INDIVIDUALS BY MEANS OF FACIAL THERMOGRAPHY" PROCEEDINGS OF THE INTERNATIONAL CARNAHAN CONFERENCE ON SECURITY TECHNOLOGY: CRIME COUNTERMEASURES. ATLANTA, OCT. 14-16, 1992, NEW YORK, IEEE, US, 14 OCTOBER 1992 (1992-10-14) PAGES 120-125, XP000357473, PAGE 121, RIGHT-HAND COLUMN, LINE 4 - PAGE 122, LEFT-HAND COLUMN, LAST PARAGRAPH; TABLE 2
✓ A-T	PAVLIDIS I ET AL: "A NEAR-INFRARED FUSION SCHEME FOR AUTOMATIC DETECTION OF VEHICLE PASSENGERS" PROCEEDINGS IEEE WORKSHOP ON COMPUTER VISION BEYOND THE VISIBLE SPECTRUM: METHODS AND APPLICATIONS (CVBVS'99), PROCEEDINGS OF IEEE WORKSHOP ON COMPUTER VISION; BEYOND THE VISIBLE SPECTRUM - METHODS AND APPLICATIONS. FORT COLLINS, CO., USA, 21-22 JUNE, PAGES 41-48, XP001028284 1999, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, USA, ISBN: 0-7695-0050-1 ABSTRACT


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✓ Abolfezi Tahatehri

✓ 5/13/05

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INFORMATION DISCLOSURE STATEMENT 	Atty. Docket No.: H0001166 US M&R 115.00160120	Serial No.: 09/732,236
	Applicant(s): PAVLIDIS	Confirmation No.: 9502
	Application Filing Date: December 7, 2000	Group: 2621
	Information Disclosure Statement mailed:	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
A-T	4,057,352	11/8/77	Babb			
A-T	4,733,081	3/22/88	Mizukami			
A-T	5,293,427	3/8/94	Ueno et al			
A-T	5,801,763	9/1/98	Suzuki			
A-T	6,178,259	1/23/01	Harris			
A-T	6,370,260	4/9/02	Pavlidis et al.			

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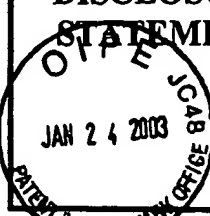
FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
						Yes No
A-T	0 990 416 A1	04/05/00	EP			
A-T	97/21188	06/12/97	WO			

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
A-T	✓ Ballard, "Generalizing the Hough Transform to Detect Arbitrary Shapes, "Pattern Recognition, Vol. 13, No. 2, pp. 111-122, 1981.
A-T	✓ Huang et al., "Face Detection and Precise Eyes Location," in Proceedings 15 th International Conference on Pattern Recognition, 2000, Vol. 4, pp. 722-727.
A-T	✓ Jeon et al., "Rotation Invariant Face Detection Using a Model-Based Clustering Algorithm," in Proceedings 2000 IEEE International Conference on Multimedia and Expo, 2000, Vol. 2, pp. 1149-1152.
A-T	✓ Kawato et al., "Two Step Approach for Real-Time Eye Tracking with a New Filtering Technique," in Proceedings 2000 IEEE International Conference on Systems, Man, and Cybernetics, 2000, Vol. 2, pp. 1366-1371

EXAMINER <i>Abd Farz Tabatabaei</i> ✓	Date Considered <i>11/21/04</i> ✓
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	Application Filing Date: December 7, 2000	Group: 2621 RECEIVED
	Information Disclosure Statement mailed: JAN 27 2003	

Examiner Initial	Document Description	Technology Center 2000
A-T	Kim et al., "Face Detection Using Multi-Modal Information" in Proceedings Fourth IEEE International Conference on Automatic Face and Gesture Recognition, 2000, pp. 14-19.	
A-T	Li et al., "Multi-View Face Detection Using Support Vector Machines and Eigenspace Modeling," in Proceedings Fourth International Conference on Knowledge-Based Intelligent Engineering Systems & Allied Technologies, 2000, Vol. 1, pp. 241-244.	
A-T	Ly et al., "A Novel Algorithm for Rotated Human Face Detection" in Proceedings IEEE Conference on Computer Vision and Pattern Recognition, 2000, Vol. 1, pp. 760-765	
A-T	Morimoto et al., "Real-Time Multiple Face Detection Using Active Illumination," in Proceedings Fourth IEEE International Conference on Automatic Face and Gesture Recognition, 2000. Pp. 8-13	
A-T	Pavlidis et al., "A Vehicle Occupant Counting System Based on Near-Infrared Phenomenology and Fuzzy Neural Classification," IEEE Transactions on Intelligent Transportation Systems, Vol. 1, No. 2, pp. 72-85, June 2000.	
A-T	Pavlidis et al., "The Imaging Issue in an Automatic Face/Disguise Detection System," in Proceedings IEEE Workshop on Computer Vision beyond the Visible Spectrum: Methods and Applications, 2000. Pp. 15-24	
A-T	Rowley et al., "Neural Network-Based Face Detection," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 20, No. 1 pp. 23-38, January 1998	
A-T	Wilder et al., "Comparison of Visible and Infra-Red Imagery for Face Recognition," Proceedings Second IEEE International Conference on Automatic Face and Gesture Recognition, 1996, pp. 182-187	
A-T	Zhu et al., "Fast Face Detection Using Subspace Discriminant Wavelet Features," in Proceedings IEEE Conference on Computer Vision and Pattern Recognition, 2000, Vol. 1, pp. 636-641.	

EXAMINER Abolqazi Tabatabaei ✓	Date Considered 1/21/04 ✓
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**U.S. PATENT DOCUMENTS**

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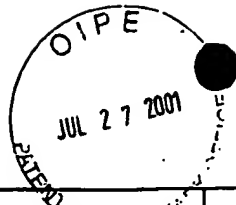
FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
✓ P-T	01/95247	12/31/01	WO				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description

EXAMINER ✓ Abolpazl Tabatabai	Date Considered ✓ 1/21/04
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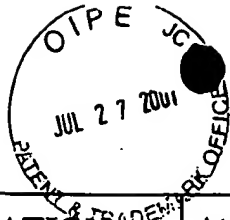
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A-T		4,500,784	02/19/85	Hackskaylo	—	—	
A-T		4,520,504	05/28/85	Walker et al.	—	—	
A-T		5,013,917	05/07/91	Ulich	—	—	
A-T		5,221,919	06/22/93	Hermans	—	—	
A-T		5,703,367	12/30/97	Hashimoto et al.	—	—	
A-T		5,900,942	05/04/99	Spiering	—	—	
A-T		5,940,139	08/17/99	Smoot	—	—	
A-T		6,002,505	12/14/99	Kraenert et al.	—	—	
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							Yes No
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A-T	✓	Fendt et al., "The neuroanatomical and neurochemical basis of conditioned fear," <i>Neurosci Biobehav Rev</i> , 23(5):743-60 (May, 1999).					
A-T	✓	Jacquez et al., "The spectral reflectance of human skin in the region 0.7-2.6 μ m," <i>Technical Report</i> , 189, Army Medical Research Laboratory, Fort Knox (April, 1955).					
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A-T	✓	Levin et al., "The energy expended in chewing gum," <i>New England Journal of Medicine</i> , 341(27):2100 (Dec., 1999).					
A-T	✓	Mendez, <i>The Master of Disguise</i> , William Morrow and Co., New York, N.Y.; cover page, title page, copyright page and table of contents only; 4 pgs. (1999).					
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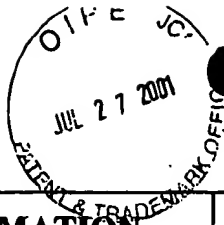
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